

MULTIMEDIA



UNIVERSITY

STUDENT ID NO

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# MULTIMEDIA UNIVERSITY

## FINAL EXAMINATION

TRIMESTER 3, 2017/2018

### BIM1014 – INFORMATION SYSTEMS AND MULTIMEDIA

(All sections / Groups)

6 JUNE 2018

2.30 PM – 4.30 PM

( 2 Hours )

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#### INSTRUCTIONS TO STUDENTS

1. This question paper consists of 3 pages with 4 questions only.
2. Attempt **ALL** questions. Distribution of the marks for each question is given.
3. Please print all your answers in the Answer Booklet provided.

**ESSAY QUESTIONS (100 Marks)****QUESTION 1**

- a) Define the following terms: (10 marks)
- i. Virtual Reality
  - ii. 3D Printing
  - iii. Computer Ethics
  - iv. Wearable Technology
  - v. Freemium
- b) List at least FIVE (5) useful guidelines to protect computer users from criminal hackers. (10 marks)
- c) Describe TWO (2) threats from mobile devices. (5 marks)

**(Total: 25 marks)**

**QUESTION 2**

- a) Define Enterprise Systems. Discuss FOUR (4) benefits why Enterprise Systems should be in the Cloud. (15 marks)
- b) Intelligent drones are widely used today for various needs. Give any THREE (3) examples of the drone applications in the world. Share your viewpoint in regards to its usage. (10 marks)

**(Total: 25 marks)**

**QUESTION 3**

- a) Today we face many problems, from land clearance to climate change. There is a need for smart solutions. Choose a problem, ideate a possible technological solution, discuss who will benefit and justify the need of such solution. (20 marks)
- b) Discuss any TWO (2) security measures that can prevent damage to information systems. (5 marks)

**(Total: 25 marks)**

**Continued .....**

**QUESTION 4**

- a) Describe the role of creativity, organization, communication, hardware, and software for a multimedia project. (15 marks)
- b) Outline FOUR (4) possible uses for multimedia in a business environment. (10 marks)

**(Total: 25 marks)**

**End of Page**